LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-12 (Cancelled)

-13-(Original)

A process for forming a porous aluminosilicate composition which comprises:

(a) providing protozeolitic aluminosilicate seeds selected from the group consisting of an aqueous solution, gel, suspension wetted powder and mixtures thereof;

(b) reacting in a mixture the seeds in an aqueous medium with an organic surfactant;

(c) aging the mixture of step (b) at a temperature between 25° and 200°C to obtain a precipitate of the composition; and

(d) separating the composition from the mixture of step (c).

-14-(Original)

The process of Claim 13 wherein the seeds are zeolite seeds.

-15-(Original)

The process of Claims 13 or 14 wherein the organic surfactant is selected from the group consisting of onium ion surfactants and non-ionic surfactants.

-16-(Original)

The process of Claim 15 wherein the organic surfactant contains a co-surfactant selected from the group consisting of alkyl alcohol, alkylamine, aromatic hydrocarbon and mixtures thereof containing between about 2 and 36 carbon atoms in the alkyl and 6 to 36 carbon atoms in the aromatic hydrocarbon.

-17- (Original)

The process of Claim 14 wherein the zeolite seeds are formed using a structure director selected from the group consisting of organic onium ions, alkali metal ions and mixtures thereof.

-18-(Original)

The process of Claims 13 or 14 wherein in addition the composition is calcined.

-19-(Original)

The process of any one of Claims 13, 14 or 17 wherein in addition the composition is calcined at above about 400oC.

Claims 20-29 (Cancelled)

-30- (Original)

A process for forming the mesoporous aluminosilicate composition which comprises:

(a) reacting a sodium silicate solution at basic pH with a sodium aluminate solution at an aluminum to silicon ratio between about 1000 to 1 and 1 to 1 and aging the mixture at 25 to 200°C for periods of up to 48 hours to form zeolite seeds;

(b) reacting the resultant mixture with a surfactant and optionally a co-surfactant;

(c) acidifying the mixture obtained from (b) with a protonic acid to obtain a mixture with an $OH^-/(Si+Al)$ ratio in the range of 0.10 to 10;

(d) aging the mixture from step (c) at a temperature between 20 and 200°C to obtain a precipitate of the composition; and

(e) separating the composition from mixture of step (d).

-31-(Original)

The process of Claim 30 wherein the sodium silicate is prepared by reacting sodium hydroxide with a silicon source selected from the group consisting of a colloidal silica, a fumed silica, a silica gel, a silicon alkoxide and mixtures thereof.

-32-(Original)

The process of Claim 30 wherein the sodium aluminate is prepared by reacting sodium hydroxide with an aluminum source selected from the group consisting of a soluble aluminum salt, a cationic aluminum oligomers, an aluminum hydroxide, an aluminum oxide, an aluminum alkoxide and mixtures thereof.

-33-(Origianl)

The process of Claim 30 wherein the surfactant is selected from the group comprising:

(a) a alkyl quaternary ammonium surfactant with a hydrophobic segment which contains between 8 to 36 carbon atoms,

(b) a non-ionic surfactant containing a polyethylene oxide block as a hydrophilic segment, and

(c) a non-ionic amine surfactant.

-34-(Original)

The process of Claim 30 wherein the composition has a ^{27}Al-NMR resonance line exhibiting a chemical shift in the range of 57 to 65 ppm relative to an external reference of 1.0 M aluminum nitrate.

-35-(Original)

A process for forming the mesoporous aluminosilicate composition which comprises:

(a) providing zeolite seeds as an aqueous solution, gel, suspension, wet powder, or combination thereof;

(b) reacting the zeolite seeds in the aqueous medium with a surfactant wherein the solution has an $OH^-/(Si+Al)$ ratio in the range of 0.10 to 10;

(c) aging the mixture from step (b) at a temperature between 20 and 200°C to obtain a precipitate of the composition; and

(d) separating the composition from the mixture of step (c).

Claims 36-47 (Cancelled)